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1. [redacted] in Kladno, [redacted] the construction of radar equipment at the Prague-Ruzyn airport. The radar equipment is located on the extreme edge of the field, between a runway and the shipping division building.
2. The radar equipment consists of a metal frame constructed on two concrete blocks. It rises about three meters from the ground and is about two meters wide. Within the frame is a wire net and a rotating device in the form of a spherical cup. In the center of this spherical cup is a metal cross. The spherical cup rotates slowly.

-end-

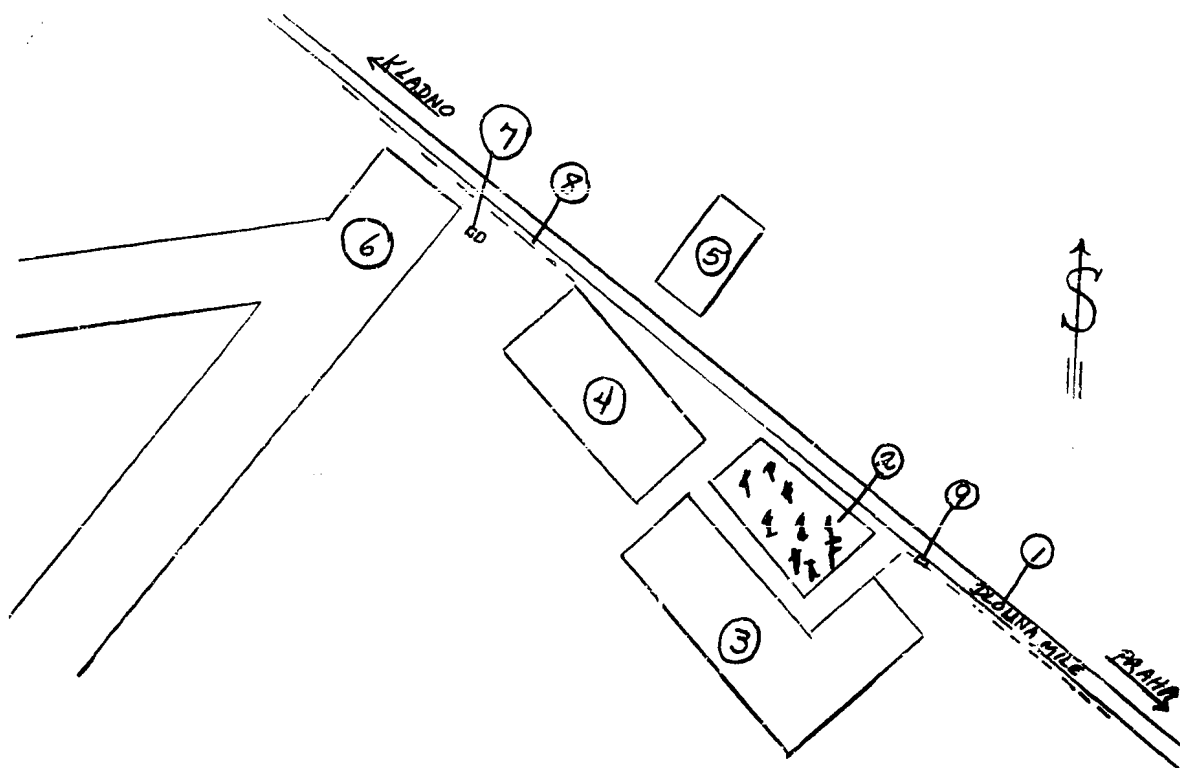
ENCLOSURE (A): Sketch of the Airport in Prague-Ruzyn with Legend
(B): Sketch of the Airport in Prague-Ruzyn with Legend
(C): Sketch of the Radar Station at the Airport in Prague-Ruzyn with Legend

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ENCLOSURE (A)



Legend

1. State highway Prague--Kladno, paved. (the part of the highway leading along the airport is called the "Long mile" - Dlouha Mile)
2. Park in front of the airport.
3. Main buildings of the airport with a control tower
4. Office for the forwarding of parcels destined for abroad, a wooden single-story building.
5. A wooden building.
6. Run way, about 50 meters wide and 1,000 meters long. Made of reinforced concrete.
7. A newly constructed radar station.
8. Wire fence around the airport.
9. The bus stop of the Prague-Kladno bus line.

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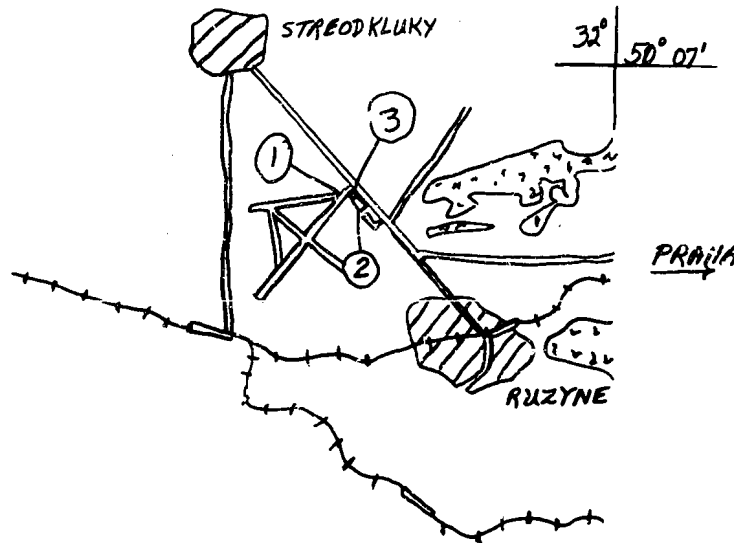
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ENCLOSURE (B)



THE AIRPORT PRAGUE-RUZYNÉ



Legend

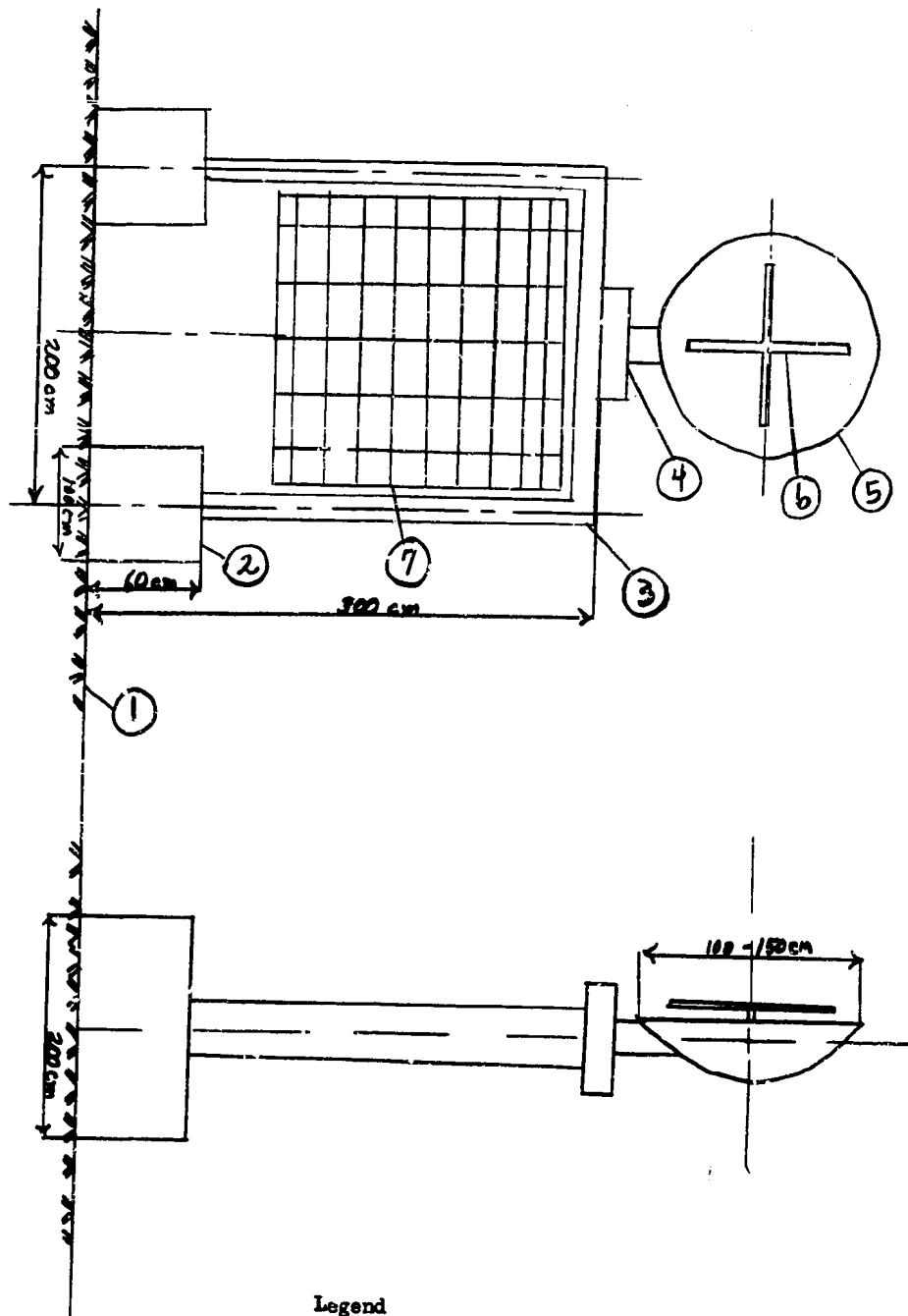
1. Runway, made of reinforced concrete.
2. The airport where the office for forwarding of parcels sent abroad is located.
3. The newly constructed radar station.

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ENCLOSURE (C)

THE RADAR STATION of the AIRPORT in PRAGUE - RUZYNE

Legend

1. The ground on which the radar station is built
2. The concrete base, 1 meter wide and about 60 cm high.
3. The iron construction of the radar equipment.
4. Rotating device.
5. Metal bowl in form of a spherical cap. diameter 1 meter - 1.5 meters.
6. The metal cross built in the metal bowl.
7. An iron wire built into the iron construction.

SECRET/SECURITY INFORMATION

CENTRAL INTELLIGENCE AGENCY

REPORT

CD NO.

COUNTRY

Czechoslovakia

DATE DISTR. 11 Oct 1952

SUBJECT

New Plant Construction and Enlargement of the Airport in Kunovice (Moravia)

NO OF PAGES 2

PLACE
ACQUIRED

NO. OF ENCLS. 2
(LISTED BELOW)
(A) & (B) 2- pages

DATE
ACQUIRED

SUPPLEMENT TO
REPORT NO.

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1.

The contractor of the construction was the Czechoslovak Building Enterprises, National Corporation, in Uherske Hradiste. The work was supervised by the Czechoslovak Building Enterprises in Zlin. [] the new plant is destined for the construction of jet planes. On the plans and projects, this construction was marked as top secret construction. The buildings were finished by the end of 1950. The construction of the base for a concrete runway had just begun at that time. For the construction of the runway, a new mixture of cement was used which proved to be very successful. The concrete surface of this runway is 80 centimeters thick and is composed of the following layers: a dross layer, 20 centimeters thick; a gravel-concrete layer, 40 centimeters thick; a sand-concrete layer, 20 centimeters thick.

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2.

Some of the buildings under construction had various cover names, e.g gasoline depot but, in fact the purpose of the building was entirely different. [redacted] there were no machines in the newly built building. [redacted] old planes were repaired only in the old plant. [redacted] fighter planes and twin-engine planes with military colors (red-blue-white circles) on the airport. Construction was under the supervision of the military. Military groups sent by the Ministry of National Defense were often seen here.

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3.

 the Czechoslovak Building Enterprises also carried out the following constructions:

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(a) A hydro-power plant in the locality of Spytihnev near the town of Uherske Hradiste (on the Morava River);

(b) A dam, Lipa- Slusovice near Zlin.

(c) A hydro-power plant in Hodonin.

In addition, the Czechoslovak Building Enterprises took part in the action called "the Building Up of the Region of Ostrava", (Vystavba Ostravska).

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4. The airfield in Kunovice is located on the left side of a single-track railway of the Czechoslovak State Railroads Ostravska Nova Ves - Kunovice, to the west of the railway line, thus between this line and a little wood called Petrikovec. The airfield is 180 meters above sea level.
5. The main wind comes from the north-west and in the morning and evening there are fogs over the airport, coming mainly from the valley of the Morava River.
6. At the time that the runways were under construction, the direction was 30° - 210° . The length of this runway was 2,000 meters; width 120 meters /See point 22 of Enclosure (A)/. The other two runways are parallel and go in the direction of 170° - 350° . Their length is 1,800 meters; width 80 meters. The surface is good. [redacted] there were no control towers built. The wind direction bag was fixed on the roof of an old hangar /See point 11 of Enclosure (A)/.
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7. There are several obstacles within the radius of five kilometers. In the east is the town of Kunovice, the hills "Rovnina" and a little wood, "Petrikovec". On the northern side is a railway track and a brook, "olsava". The town of Uherske Hradiste lies at a distance of approximately two kilometers.
8. Within the radius of 20 kilometers, in a north-westerly direction, are the Chriby Mountains with the highest peak of 495 meters.
9. The assembly hall the old Avia Plant in Kunovice is of steel construction, 80 x 40 meters, U-shaped, 20 meters high /See point 10 of Enclosure (B)/. In the hall military planes of various types, fighter planes and twin-engine planes are assembled. From the description, [redacted] these planes are ME 109 and SI 204. The planes are tested by the factory pilots and taken over by the military administration. The hangar is a steel construction, 120 x 50 x 15 meters, with side walls and roof made of corrugated sheet metal. In this hangar are accommodated planes which are to be repaired. /See point 11 of Enclosure (B)/.
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10. The material storehouse consists of a one-story brick building, 50 x 30 x 8 meters. Here material for repairs of airplanes is stored.
11. The assembly hall of the new plant /Point 18, Enclosure (B)/ is a steel and concrete construction 200 x 60 x 20 meters, with an arched roof, covered with tar paper. On both sides of the assembly hall are hangars, steel and concrete constructions filled with bricks, WW-shaped roof with light shafts. Each hangar is 150 x 60 x 18 meters.
12. The buildings are heated by steam from a boiler hall, a steel and concrete construction, 20 x 20 x 10 meters, covered with a flat tar paper roof; walls are made of bricks and glass.
13. The plant is guarded by a guard of the National Security Corps (SNB-police), and there is a doctor on duty and one ambulance. The number of employees of the new plant was estimated at 4,000 persons.
14. The airport was under the direction of the flight command in Ostravska Nova Ves. [redacted] no search light or antiaircraft defense establishments in the airport, and no radar equipment.
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15. The airport is accessible by the state highway Kunovice-Uherske Hradiste. The highway is steam-rolled. Material is transported to the airport by trucks or by a railway track which is connected with the main line of the Czechoslovak State Railroads Ostravska Nova Ves - Kunovice.
16. The surface of the old airport was covered with grass, and was 1,000 x 1,000 meters. During the time the new airport was under construction, the planes used the area next to the old plant.

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ENCLOSURE (A): Sketch of the Airport in Kunovice with Legend.

(B): Sketch of Kunovice Area Showing Airport and Industrial Installations with Legend.

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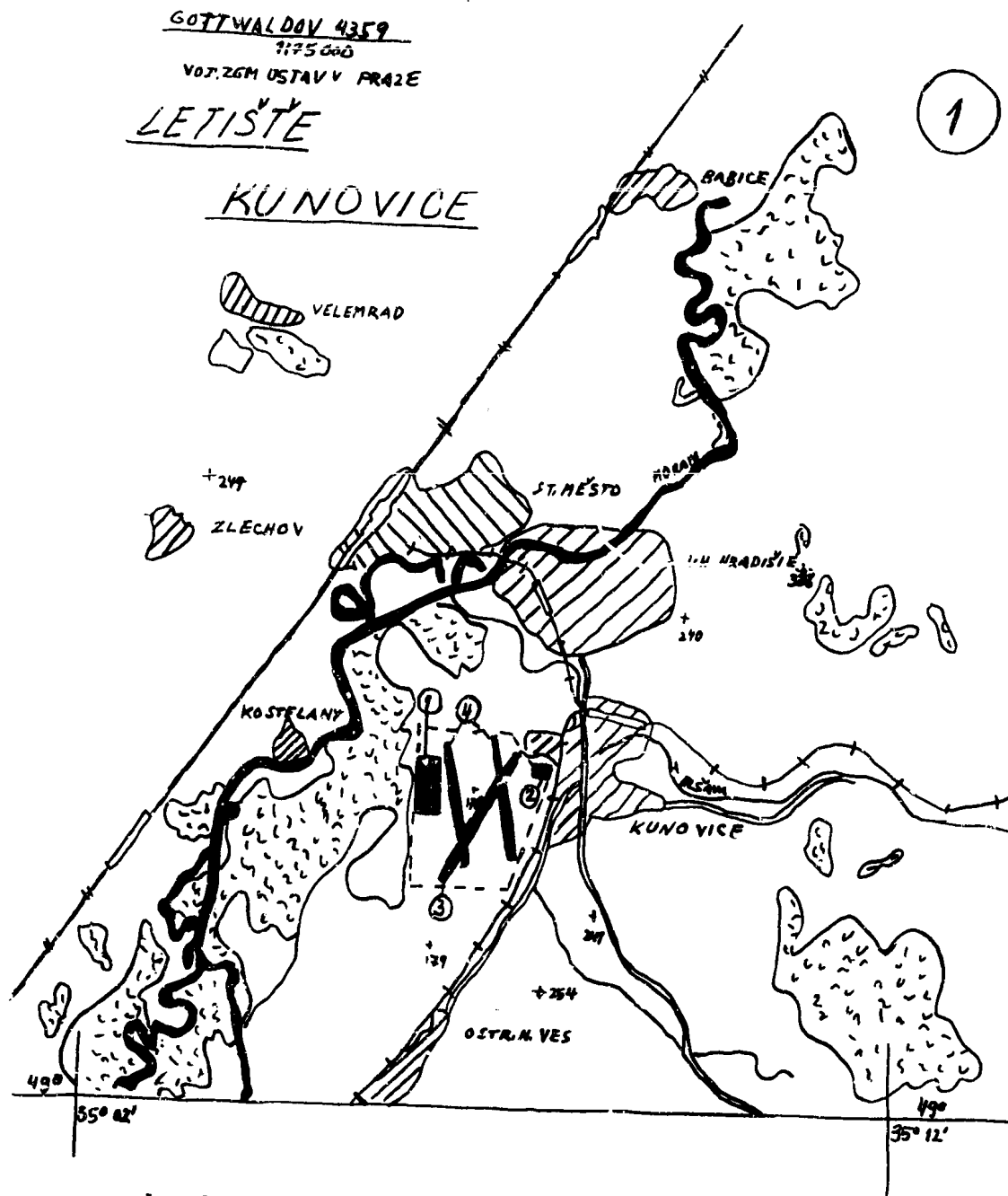
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SECURITY INFORMATION

ENCLOSURE (A)

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SKETCH OF THE AIRPORT IN KUNOVICE WITH LEGEND



SECRET/SECURITY INFORMATION

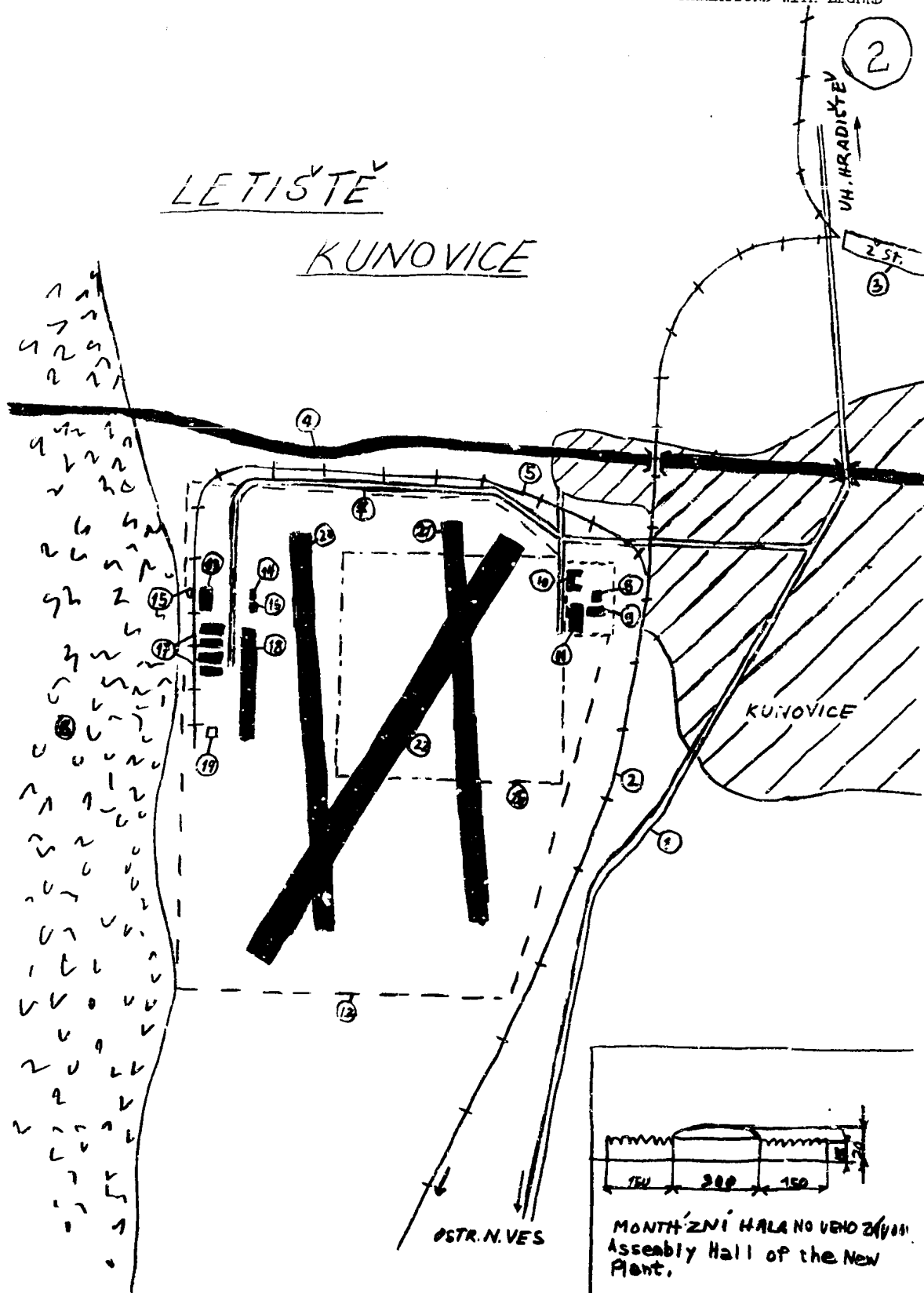
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ENCLOSURE (B)
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SECRET/SECURITY INFORMATION

SKETCH OF KUNOVICE AREA SHOWING AIRPORT AND INDUSTRIAL INSTALLATIONS WITH LEGEND



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ENCLOSURE (B)
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SECRET/SECURITY INFORMATION

Legend

- 1..... State highway Ostravska Nova Ves - Uherske Hradiste. The highway is made of asphalt.
- 2..... Single-track railway Ostravska Nova Ves - Kunovice
- 3..... Railway station in Kunovice
- 4..... Olsava Brook which is approximately five meters wide.
- 5..... Railway track to the plant
- 6..... Petrikovec Woods
- 7..... Steam-rolled road to the plant, approximately six meters wide.
- 8..... Administrative and technical offices of the Old Avia Plant in Kunovice, a two-story brick building covered with a flat roof made of ~~tar-paper~~.
- 9..... Material storehouse, a one-story brick building, 50 x 30 x 8 meters, covered with a flat roof made of tar-paper.
- 10..... Assembly hall, a U-shaped brick building, 80 x 40 x 10 meters. The width of the wings is 20 meters.
- 11..... Hangar, a steel construction, 120 x 60 x 15 meters, with roof and side-walls made of corrugated sheet metal.
- 12..... Outskirts of the airfield area
- 13..... New Plant storehouse for gasoline and fuel, a steel and concrete construction, 100 x 50 x 12 meters, filled with bricks, with a roof made of corrugated sheet metal.
- 14..... Garages for automobiles, a steel and concrete construction, 30 x 15 x 6 meters, filled with bricks.
- 15..... Material storehouse, a brick building, 20 x 10 x 8 meters.
- 16..... Maintenance workshops for automobiles, a steel and concrete construction, 20 x 15 x 10 meters, filled with bricks.
- 17..... (a) Technical and administrative offices, a three-story, brick building, 100 x 20 meters, covered with a flat roof made of tar paper.
(b) 17b. (missing in the description) probably belongs to the previous point.
(c) 17c Quarters for the employees of the plant. A three-story brick building covered with a flat roof made of tar paper.
(d) (ditto)
- 18..... Assembly Hall with hangars; steel and concrete construction filled with bricks; roof is arched and made of steel covered with tar paper. The size of the hall is 200 x 60 x 20 meters. On both sides of the hall are steel and concrete hangars, WW shaped with light shafts. Each hangar is 150 x 60 x 18 meters.
- 19..... Boiler hall for the new plant, steel and concrete construction filled with bricks, covered with a flat roof. Side walls are partly of glass. Size 20 x 20 x 10 meters.
- 20..... Concrete runway, 1,800 meters long, going in the direction 170° - 350°
[redacted] it was only in the planning stage.
- 21..... Same as point 20
- 22..... Concrete runway 2,200 meters long, 120 meters wide, direction 30° - 210°
[redacted] it was just under construction.
- 23..... Boundaries of the old airport in Kunovice. The size of the airport was 1,000 x 1,000 meters.

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